

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An apparatus for inputting and displaying data for a refrigerator, comprising:

a display unit provided on the refrigerator;

a touchscreen provided on ~~the refrigerator~~ an outer surface of the display unit and configured to receive image data written or drawn on the touchscreen by a user;

a memory device provided within the display unit and configured to store the image data; and

a controller provided within the display unit and configured to store the image data input through the touchscreen into the memory device, and to control the touchscreen so as to display the image data on the touch screen.

2. (Currently Amended) An apparatus for inputting and displaying data for a refrigerator, comprising:

a display unit provided on a surface of the refrigerator;

a touchscreen provided on ~~the refrigerator~~ an outer surface of the display unit and configured to receive information on items stored in the refrigerator in the form of user generated image data;

a memory device provided within the display unit and configured to store the image data on the items stored ~~items~~ in the refrigerator input through the touchscreen; and

a controller provided within the display unit and configured to control the touchscreen and the memory device so as to display the image data on the items stored ~~items~~ in the refrigerator on the touchscreen[[;]] , and to store the image data on the items stored ~~items~~ in the refrigerator into the memory device.

3. (Previously Presented) The apparatus of claim 2, wherein the memory device comprises a plurality of storage areas which correspond to a respective plurality of storage chambers provided in the refrigerator, and wherein the memory device is configured to store the image data on the items stored in the refrigerator in an appropriate storage area of the memory device.

4. (Currently Amended) A method for inputting and displaying data for a refrigerator in which a display unit with a touchscreen provided thereon is provided on the refrigerator and a plurality of data storage areas respectively corresponding to a plurality of

storage chambers in the refrigerator are allocated in a memory device provided therein, the method comprising:

displaying the plurality of storage chambers on the touchscreen;

selecting a storage chamber from the plurality of storage chambers displayed on the touchscreen;

receiving user generated image data corresponding to items stored in the refrigerator through the touchscreen; and

storing the image data in a data storage area of the memory device which corresponds to the selected storage chamber.

5. (Previously Presented) The method of claim 4, wherein displaying the plurality of storage chambers further comprises simultaneously displaying image data on the touchscreen which reflects the items which are stored in the data storage areas corresponding to the respective storage chambers.

6. (Previously Presented) The method of claim 5, further comprising allowing for selection of some image data to be deleted from the image data displayed on the touchscreen and deleting the selected image data.

7. (Currently Amended) A method for inputting and displaying data for a refrigerator with a ~~touchscreen~~ display unit provided thereon, comprising:

monitoring touch action of a user made on ~~the~~ a touchscreen portion of the display unit;

when a schedule management function is selected through the touchscreen, displaying a calendar corresponding to a relevant month on the touchscreen;

when a specific date of the displayed calendar is selected, providing an input screen for inputting image data related to information for the specific date;

receiving image data generated by a user related to information for the specific date into the input screen;

storing the image data input through the touchscreen; and

when a present date is consistent with the date corresponding to the image data, displaying the image data on a first screen of the relevant date upon display thereof.

8. (Previously Presented) The method of claim 7, wherein image data is displayed in a region of the touchscreen displaying the specific date in which the image data is input.

9. (Previously Presented) The method of claim 7, wherein when information is repeated in a predetermined cycle, the method further comprises:

determining whether a date on which the information recurs depends on a solar calendar or a lunar calendar and storing an appropriate repetition cycle;

calculating a next relevant date based on the repetition cycle and one of the solar and lunar calendars;

storing the calculated date into a memory; and

when the present date is consistent with the calculated date, displaying the stored information on a main screen of the touchscreen.

10. (Previously Presented) The apparatus of claim 1, wherein the memory device comprises a plurality of storage areas corresponding to a respective plurality of storage chambers in the refrigerator.

11. (Previously Presented) The apparatus of claim 10, wherein the memory device is further configured to store the image data input by a user in a corresponding storage area of the memory device.

12. (Previously Presented) The apparatus of claim 10, wherein the controller comprises a processor configured to process a plurality of coordinates corresponding to a plurality of touch signals applied to the touchscreen, and to store or to retrieve corresponding

information from a corresponding storage area of the memory device based on said plurality of touch signals.

13. (Previously Presented) The apparatus of claim 1, wherein the controller is further configured to delete image data from the memory device based on a touch signal applied to the touch screen.

14. (Currently Amended) The apparatus of claim 1, wherein the ~~touchscreen display~~ unit is ~~further~~ configured to be mounted on a front surface of the refrigerator.

15. (Currently Amended) The apparatus of claim 2, wherein the ~~touchscreen display~~ unit is ~~further~~ configured to be mounted on a front surface of the refrigerator.

16. (Previously Presented) The apparatus of claim 2, wherein the items stored in the refrigerator comprise food items.

17. (Currently Amended) The method of claim 4, wherein the ~~touchscreen display~~ unit is ~~further~~ configured to be mounted on a front surface of the refrigerator.

18. (Previously Presented) The method of claim 4, wherein the items stored in the refrigerator comprise food items.

19. (Currently Amended) The apparatus of claim 7, wherein the ~~touchscreen~~ display unit is ~~further~~ configured to be mounted on a front surface of the refrigerator.

20. (Previously Presented) The apparatus of claim 7, wherein the image data is stored into an address allocated for the specific date.

21. (Currently Amended) A method for inputting and displaying information on a product with a ~~touchscreen~~ display unit mounted thereon, comprising:

displaying a main menu comprising a plurality of functions on ~~the~~ a touchscreen of the display unit;

allowing for selection of a function from the plurality of functions;

when a schedule management function is selected, displaying a calendar which corresponds to a relevant month on the touchscreen;

when a specific date of the displayed calendar is selected, providing an input screen configured to receive image data written or drawn thereon by a user and representing information related to the specific date;

receiving the image data representing information related to the specific date through the input screen;

storing the image data in a memory device provided within the display unit; and

displaying the stored image data on a first display screen when a present date is consistent with the specific date.

22. (Previously Presented) the method of claim 21, wherein the image data is stored into an address allocated for the specific date.

23. (Previously Presented) The method of claim 21, wherein the product comprises a home appliance.

24. (Currently Amended) The method of claim 21, wherein the plurality of functions comprises at least the schedule management function, a perishable item management function, and a product management function.

25. (Currently Amended) The method of claim 21, wherein when information is repeated in a predetermined cycle, the method further comprises:

determining whether a date on which the information recurs depends on a solar calendar or a lunar calendar and storing an appropriate repetition cycle;

calculating a next relevant date based on the repetition cycle and one of the solar and lunar calendars;

storing the calculated date into ~~a~~ the memory device; and

when the present date is consistent with the calculated date, displaying the stored information on a main screen of the touchscreen.

26. (Currently Amended) An apparatus for inputting and displaying data on a product, comprising:

~~a touchscreen~~ display unit mounted ~~adjacent on~~ the product and configured to allow for input of image data generated by a user;

a touchscreen provided on an outer surface of the display unit;

a memory device provided within the display unit and configured to receive and to store the image data; and

a controller provided within the display unit and configured to control the memory device and the touchscreen so as to store the image information in the memory device, and to display the image information on the touchscreen.

27. (Previously Presented) The apparatus of claim 26, wherein the image data comprises image data written by a user which represents information on items stored within the product.

28. (Previously Presented) The apparatus of claim 27, wherein the product comprises a refrigerator and wherein the stored items comprise perishable food items.

29. (Previously Presented) The apparatus of claim 26, wherein the image data comprises image data written by a user which represents schedule related information.

30. (Previously Presented) The apparatus of claim 29, wherein the controller is further configured to control the touchscreen and the memory device so as to allow a user to view and update schedule related information on the touchscreen.